

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085218.D
 Acq On : 17 Dec 2024 12:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 00:21:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	147251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	228600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102853	49.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.080%
35) Dibromofluoromethane	8.165	113	84971	55.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.240%
50) Toluene-d8	10.565	98	286560	51.869	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.847	95	114443	55.392	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113632	68.246	ug/l	99
3) Chloromethane	2.359	50	95956	49.688	ug/l	97
4) Vinyl Chloride	2.507	62	97566	56.218	ug/l	99
5) Bromomethane	2.936	94	60141	61.827	ug/l	96
6) Chloroethane	3.101	64	62172	53.149	ug/l	97
7) Trichlorofluoromethane	3.489	101	166121	56.269	ug/l	98
8) Diethyl Ether	3.953	74	51520	51.273	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	89378	53.379	ug/l	98
10) Methyl Iodide	4.583	142	97625	44.047	ug/l	99
11) Tert butyl alcohol	5.524	59	82271	293.521	ug/l	96
12) 1,1-Dichloroethene	4.336	96	82819	52.990	ug/l	98
13) Acrolein	4.177	56	45185	241.593	ug/l	94
14) Allyl chloride	5.018	41	113326	43.012	ug/l	92
15) Acrylonitrile	5.718	53	215735	271.863	ug/l	98
16) Acetone	4.424	43	177621	290.768	ug/l	99
17) Carbon Disulfide	4.706	76	246359	53.404	ug/l	96
18) Methyl Acetate	5.024	43	103822	53.249	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	271338	53.135	ug/l	98
20) Methylene Chloride	5.277	84	94577	50.737	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	87266	53.058	ug/l	95
22) Diisopropyl ether	6.671	45	260954	49.210	ug/l	98
23) Vinyl Acetate	6.600	43	1000652	273.527	ug/l	98
24) 1,1-Dichloroethane	6.565	63	159655	50.311	ug/l	95
25) 2-Butanone	7.483	43	275155	275.508	ug/l	98
26) 2,2-Dichloropropane	7.489	77	143802	48.530	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	98836	49.847	ug/l	99
28) Bromochloromethane	7.812	49	57418	47.933	ug/l	92
29) Tetrahydrofuran	7.836	42	186848	300.848	ug/l	99
30) Chloroform	7.965	83	172646	51.145	ug/l	100
31) Cyclohexane	8.253	56	133228	47.684	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	160804	52.716	ug/l	99
36) 1,1-Dichloropropene	8.371	75	116753	55.914	ug/l	99
37) Ethyl Acetate	7.559	43	116430	61.334	ug/l	99
38) Carbon Tetrachloride	8.359	117	142611	59.168	ug/l	96
39) Methylcyclohexane	9.600	83	123359	56.852	ug/l	98
40) Benzene	8.606	78	364334	55.167	ug/l	97

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41) Methacrylonitrile	7.777	41	57863	55.053	ug/l	94
42) 1,2-Dichloroethane	8.671	62	126687	56.072	ug/l	99
43) Isopropyl Acetate	8.688	43	190089	48.208	ug/l	99
44) Trichloroethene	9.353	130	85097	55.445	ug/l	97
45) 1,2-Dichloropropane	9.618	63	86504	53.180	ug/l	97
46) Dibromomethane	9.706	93	65599	58.038	ug/l	100
47) Bromodichloromethane	9.888	83	135417	56.528	ug/l	98
48) Methyl methacrylate	9.677	41	90899	61.949	ug/l	98
49) 1,4-Dioxane	9.694	88	35833	1408.207	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	589427	327.274	ug/l	99
52) Toluene	10.630	92	230450	58.943	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	133692	55.666	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	141975	55.722	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	86257	59.231	ug/l	99
56) Ethyl methacrylate	10.871	69	137735	64.726	ug/l	99
57) 1,3-Dichloropropane	11.159	76	146141	57.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	291639	279.393	ug/l	99
59) 2-Hexanone	11.194	43	438365	325.440	ug/l	99
60) Dibromochloromethane	11.359	129	108128	60.754	ug/l	98
61) 1,2-Dibromoethane	11.471	107	88346	58.619	ug/l	97
64) Tetrachloroethene	11.106	164	78260	55.784	ug/l	95
65) Chlorobenzene	11.888	112	245587	52.012	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	92580	55.689	ug/l	97
67) Ethyl Benzene	11.965	91	436843	57.026	ug/l	97
68) m/p-Xylenes	12.071	106	340499	116.751	ug/l	99
69) o-Xylene	12.400	106	160396	57.816	ug/l	100
70) Styrene	12.412	104	278636	60.395	ug/l	100
71) Bromoform	12.576	173	75386	61.090	ug/l #	100
73) Isopropylbenzene	12.694	105	409043	52.439	ug/l	100
74) N-amyl acetate	12.494	43	168181	52.322	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	127112	47.721	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	106702m	53.054	ug/l	
77) Bromobenzene	12.976	156	102360	48.763	ug/l	99
78) n-propylbenzene	13.035	91	487374	54.170	ug/l	99
79) 2-Chlorotoluene	13.123	91	299109	49.802	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	364092	55.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44892	49.275	ug/l	91
82) 4-Chlorotoluene	13.218	91	311249	49.782	ug/l	99
83) tert-Butylbenzene	13.435	119	299928	53.256	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	363138	53.897	ug/l	100
85) sec-Butylbenzene	13.612	105	410406	53.945	ug/l	99
86) p-Isopropyltoluene	13.729	119	348376	55.471	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	193825	46.813	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	191362	45.290	ug/l	98
89) n-Butylbenzene	14.053	91	286171	48.998	ug/l	98
90) Hexachloroethane	14.335	117	69328	50.643	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	182956	46.114	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26301	51.063	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	91320	42.367	ug/l	98
94) Hexachlorobutadiene	15.500	225	44438	44.672	ug/l	98
95) Naphthalene	15.641	128	289411	47.143	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	92255	44.857	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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